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Inventory of Projects in Progress and Projects Completed

January, 1980

planning & research

Alberta
EDUCATION

INTRODUCTION

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This inventory of research is provided twice yearly by the Planning and Research Branch to interested organizations, agencies and individuals on a limited distribution basis. This inventory is divided into two sections.

(1) An Inventory of Projects in Progress at the present time.

(2) An Inventory of Completed Projects which include those projects completed between July 1 and December 31, 1979.

Information regarding the projects completed or in progress is available from the Planning and Research Branch or from the project supervisor.

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Study Reports

Copies of the following reports completed earlier are still available and will be sent out on request from the Planning and Research Branch as long as supplies last:

1. A Study: Isolation Bonuses and Teacher Housing;
2. The Alberta Special Education Study - Condensed Report;
3. The Multi-Dimensional Nature of Teacher-Student Verbal Interaction in Secondary Language Classrooms;
4. A Cost-Benefit Study of the Alberta Correspondence School - Executive Summary;
5. A Study of Custodial Services Required by Schools in Athabasca County;
6. School Facility Logistics - Executive Summary;
7. A Summary of Public Reaction to the School Facility Logistics Report;
8. Student Access Study - Executive Summary;
9. Student Access Study - Condensed Report;
10. The School Superintendency in Alberta, 1976;
11. 1976 School Finance Study;
12. 1974 School Finance Study;
13. Report of the Task Force on the Evaluation of Standardized Achievement Tests for Alberta Schools;

14. A Study of the Effects of an Altered Work Week - Summary;
15. Assessing Communication Skills - A Review of the Literature;
16. Inventory of Projects in Progress and Projects Completed - July 1979;
17. The Early Education Project - Executive Summary;
18. Integration of Handicapped Students, Calgary - Final Report (Summary);
19. Financing Small Schools and Jurisdictions;
20. Disadvantaged Learners: The Nature of the Problem and Some Potential Solutions;
21. Curriculum Evaluation Project - Executive Summary;
22. The Cardston School Division Project - Complete Report;
23. The Cardston School Division Project - Summary Report;
24. School Vandalism in Alberta - An Updated Status Study - 1974-1977;
25. Mighty Moose;
26. Computer Assisted Instruction for Mentally Handicapped Students;
27. Guidelines for Conserving Energy in Alberta;
28. An Evaluation of the ECS Program in Alberta - Amplified Report;
29. An Evaluation of the ECS Program in Alberta - Full Report;
30. An Evaluation of the ECS Program in Alberta - Executive Summary;
31. A Study of the School System Secretary-Treasurer in Alberta;
32. Annual Forecast of Alberta School Enrolments: 1978-1987 - A Summary;

33. Student Achievement in Alberta;

34. Student Achievement in Alberta - Executive Summary;

35. Development of Models for Assessing Affective Objectives in the Social Studies;

36. School-Based Elements Related to Achievement: A Review of the Literature;

37. School-Based Elements Related to Achievement: Elements Related to Student Success in Schooling and Education - Executive Summary;

38. Alberta Grade 3 Achievement Study;

39. Listening and Speaking Objectives: Divisions I-IV;

40. Assessing Communication Skills: A Review of the Literature;

41. Alberta Science Achievement Study;

42. Alberta Science Achievement Study - Executive Summary;

43. Assessing Achievement of Selected Objectives in Listening and Speaking - Executive Summary;

44. Alberta Assessment of School Mathematics - Condensed Report;

45. Attitudes Towards the World of Work - Technical Report;

46. Attitudes Towards the World of Work - Summary;

47. School Subject Attitude Scale - Technical Report;

48. School Subject Attitude Scale - Summary.

49. Language and Readiness Assistance - Rocky Mountain House;

50. Gifted Children - Willow Creek;

51. Gifted Children - Willow Creek - Summary Report;

52. Planning and Analysis Needs for Pupil Transportation;

53. Alberta Grade 12 Examination Study - Executive Summary;

54. Alberta Grade 12 Examination Study - Condensed Version;

55. Annual Research Highlights - 1978-79.

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PROJECTS IN PROGRESS

TITLE OF PROJECT	PURPOSE OF STUDY	AMOUNT	CONDUCTED BY	SUPERVISED BY	TIMELINE
ELEMENTARY LANGUAGE ARTS CURRICULUM ASSESSMENT	To assess the effectiveness of Alberta Education's statements of (curriculum) content and skills in aiding local school jurisdiction personnel in planning language arts experiences, activities and skills lessons for students.	Up to $3,500.00	Mr. B. P. Brunner	Planning and Research Branch Branch Liaison Officer: Dr. H. G. Sherk	Dec 19/79 to Aug 31/80
FRENCH IMMERSION CULTURAL EXCHANGE PROGRAM	1) To discover the effectiveness of a project designed to motivate students in the division to attempt improvement of their facility in French. 2) To encourage development of positive attitudes towards other cultural groups in Canada, and especially those of French-language background.	$6,500.00 from Alberta Education	Rocky Mountain School Division No. 15	Planning and Research Branch Branch Liaison Officer: Dr. H. G. Sherk	Feb 15/79 to Jan 31/80
UKRAINIAN LANGUAGE INSTRUCTION EVALUATION	To evaluate language competency of students of Ukrainian background as well as their basic skills achievement.	a)Ed.Public $30,971.20 b)Ed.Sep. $26,192.00	Edmonton Public S.D.;Edmonton Sep.S.D.	Curriculum Branch Dr. P. Lamoureux Branch Liaison Officer: Dr. W. P. Eddy	Feb 13/74 to Mar 1/80
MATHEMATICS TESTING - GRANDE PRAIRIE	To determine the effectiveness of the elementary mathematics program using tests based on the program objectives.	$7,961.50	Grande Prairie School District (A. Anderson)	Planning and Research Branch Branch Liaison Officer: Dr. H. G. Sherk	Oct 28/78 to Jan 31/80
JUNIOR HIGH MATHEMATICS - CALGARY	To assess student cognitive abilities, present curriculum demands, the suitability of curriculum materials and the effects of matching instructional methods to levels of cognition.	$37,500.00 from Alberta Education	Calgary School District No. 19 Marshall Bye	Planning and Research Branch Branch Liaison Officer: Dr. W. P. Eddy	Apr 27/79 to Mar 31/80
RECORDKEEPING/BOOKKEEPING/ ACCOUNTING SURVEY	1) To establish the entry-level skill activities of recordkeeping/bookkeeping/accounting employees in the Edmonton region; 2) to compare actual entry-level activities with Alberta Education, Business Education curricula and texts, and 3) to delineate areas of congruency and discrepancy.	$6,172.00	Dr. D. J. Mortimore	Curriculum Branch (Dr. J. D. Harder) Branch Liaison Officer: Dr. H. C. Rhodes	Aug 21/79 to Dec 1/80

TITLE OF PROJECT	PURPOSE OF STUDY	AMOUNT	CONDUCTED BY	SUPERVISED BY	TIMELINE
WORK EXPERIENCE EDUCATION	To determine the perceived effectiveness of the Work Experience Education program and to investigate the linkages and the degree of integration between the school and the work experience sites.	$3,035.00	Mr. R. D. Germsheid	Curriculum Branch (Dr. J. D. Harder) Branch Liaison Officer: Dr. W. P. Eddy	Dec 4/79 to June 30/80
SCHOOL COUNSELLING AND GUIDANCE TASK FORCE	The purpose of this study is: 1) to identify elements of an adequate school guidance and counselling program, 2) to assess counselling and guidance programs in the schools of Alberta for adequacy and quality, 3) to determine those elements which need to be improved, 4) to make recommendations based on the information provided.	$30,000.00	Internal with contracted personnel	Steering Committee (Dr. Mott, Chairman) Branch Liaison Officer: Dr. H. C. Rhodes	Mar 16/79 to Mar 1/81
PREP	To develop and evaluate a curricular approach to physical education specifically aimed at mentally handicapped students.	$22,800.00	Edmonton RCSS District (Dr. E. S. Watkinson Dr. A. E. Wall)	Planning and Research Branch Branch Liaison Officer: Dr. W. P. Eddy	Nov 10/78 to Jan 31/80
STUDENT ATTITUDES TOWARDS THE HANDICAPPED	To explore student awareness of and attitudes toward handicapped (disabled) persons through the use of two types of class presentations in elementary (grade 6), junior high school (grade 8) and senior high school (grade 11); to assess the effects of such presentations by questionnaires in randomly selected schools in Zones 2, 3 and 4; to ascertain the extent to which any attitude change is retained over a period of time; and to gather information which would be useful in improving the presentations.	Alternative 2 to 6 months $21,230.00	Wetaskiwin School District 264 Coordinator: Mr. L. Bussard	Planning and Research Branch Branch Liaison Officer: Mr. P. J. Baker	Sept 15/79 to Mar 15/80
EDUCATION NORTH	To encourage close cooperation between teachers and residents of selected Northern Alberta communities in developing or modifying programs to meet specific needs of the communities, while adhering to Department of Education guidelines.	$350,000.00 per annum in constant 1978 dollars for the lifetime of the project	Project staff reporting to the to the Planning and Research Branch	Planning and Research Branch Branch Liaison Officer: Dr. H. G. Sherk	Aug 1/78 to Aug 30/82

TITLE OF PROJECT	PURPOSE OF STUDY	AMOUNT	CONDUCTED BY	SUPERVISED BY	TIMELINE
SCHOOL POPULATION PROJECTION STUDY	To develop a school population projection model capable of projecting student populations by districts over the short, medium, and long-range.	$6,000.00	Grande Prairie School District No. 2357	Planning and Research Branch Branch Liaison Officer: Mr. W. L. Hill	July 19/79 to Jan 15/80
PLANNING FOR THE EDUCATIONAL NEEDS OF THE BONNYVILLE, GRANDE CENTRE, COLD LAKE REGION	To conduct a wide-ranging study of future educational needs of the area.	Up to $50,000.00	To be contracted	Planning and Research Branch Branch Liaison Officer: Dr. S. J. Thiessen	May 31/79 to Aug 31/80
TEACHER SUPPLY AND DEMAND K-12 PROJECTIONS	1) To develop 5-year projections of teacher supply and demand by grade level and subject area of specialization. 2) To provide the means for updating these projections annually, readily and cost-effectively.	$30,000.00	U of C (Dr. G. Loken)	Planning and Research Branch Branch Liaison Officer: Mr. W. L. Hill	June 30/79 to July 31/80
ENERGY CONSERVATION - CALGARY	To design and test energy conservation programs in three existing schools in Calgary.	$60,000.00	Calgary Public School District No. 19	School Buildings Branch Branch Liaison Officer: Dr. S. J. Thiessen	Mar 17/77 to Jan 30/80
ENERGY CONSERVATION - EDMONTON	To design a school in such a way as to minimize energy consumption within the building.	$60,000.00	Edmonton Public School District No. 7	School Buildings Branch Dr. J. W. Kulba Branch Liaison Officer: Dr. S. J. Thiessen	Mar 31/77 to Nov 1/80
ENERGY CONSERVATION - PHASE 2	To establish pilot energy of conserving programs in schools of each of five zones.	$910,000.00 Alberta Education	Alberta Energy and Natural Resources and a number of other departments	Planning and Research Branch Branch Liaison Officer: Dr. S. J. Thiessen	June /79 to Mar 31/81

TITLE OF PROJECT	PURPOSE OF STUDY	AMOUNT	CONDUCTED BY	SUPERVISED BY	TIMELINE
EDUCATIONAL TECHNOLOGY - CAI (COMPUTER ASSISTED INSTRUCTION)	To summarize research findings and describe state of CAI, describe range of available materials, recommend appropriate usage of CAI and discuss feasibility of CAI for education in Alberta.	$19,990.00	University of Calgary Dr. H. J. Hallworth A. Brebner	Branch Liaison Officer: Dr. S. J. Thiessen	Apr 12/78 to Jan 31/80
EDUCATIONAL TECHNOLOGY - CBIS (COMPUTER BASED INSTRUCTIONAL SUPPORT)	To identify classroom administrative practices and routines (information storage retrieval, record-keeping, communications) which may be automated.	$25,000.00	Currie, Coopers and Lybrand Ltd.	Planning and Research Branch Branch Liaison Officer: Dr. W. P. Eddy	June 9/78 to Jan 10/80
EDUCATIONAL TECHNOLOGY - CML (COMPUTER MANAGED LEARNING) - CALGARY	To develop high school mathematics objectives acceptable to high schools in Alberta. To develop means of assessing student achievement of these objectives. To correlate post-high school mathematics programs. To develop a Computer-Managed Learning System to manage all data and information required to monitor and record student achievement and progress through a particular program.	$187,200	Calgary Public School District	Planning and Research Branch Branch Liaison Officer: Dr. S. J. Thiessen	July 25/78 to June 30/81
AACES (ALBERTA ADVISORY COMMITTEE ON EDUCATIONAL STUDIES)	Grant paid to aid AACES in encouraging school-based research projects through grants to classroom and school-based research.	$5,000.00 (yearly grant)	AACES	AACES Branch Liaison Officer: Dr. H. G. Sherk	Mar 28/77 to Jan 31 of each succeeding year

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PROJECTS COMPLETED

TITLE OF PROJECT	PURPOSE OF STUDY	CONTRACTOR AND AMOUNT	STUDY PERIOD	DISPOSITION OF STUDY REPORT
ASTA STUDENT TRANSPORTATION	Defined the planning needs for school transportation systems, defined feasible planning and management techniques and prepared an action plan for development and implementation of a transportation analysis package.	Alberta School Trustees' Association $19,775.00	Mar 16/78 to Sept 30/79	Reports were mailed out to school boards and transportation supervisors.
ENERGY CONSERVATION - GRANDE PRAIRIE	Developed management/policy measures for use by maintenance staff and school facility users in order to save energy resources.	Grande Prairie School District No. 2357 $62,805.00	July 27/77 to Dec 1/79	Excerpts from the study findings have been used in compiling a booklet on energy conservation which has been distributed to Alberta schools.
GIFTED CHILDREN - WILLOW CREEK	Provided programs for selected gifted and talented students enrolled in the elementary grades in the Willow Creek School Division.	Willow Creek School Division No. 28 $10,000.00	Oct 2/78 to Sept 1/78	Copies of the final report were sent to all Alberta school superintendents, Regional Offices of Education, ASTA, ATA and Alberta faculty of education libraries, ERIC and Multimedia.
LETHBRIDGE AREA HUTTERITE EDUCATION PROJECT	Evaluated the E.O.F.—Curriculum Branch curriculum modification project in the Lethbridge area.	Consortium of Willow Creek School Division and Counties of Lethbridge and Warner $5,000.00	Nov 19/76 to Aug 31/79	The report was not distributed.
MACOSA FOLLOW-UP	To provide special interest groups and members of the public a full opportunity to present their views on the major recommendations of the Minister's Advisory Committee on Student Achievement (MACOSA). The report to the Minister is to provide a basis for the development of departmental policy on the monitoring of student achievement.	Dr. G. L. Mowat approximately $15,000.00	July 26/79 to Dec 31/79	The report has been forwarded to the Minister.

TITLE OF PROJECT	PURPOSE OF STUDY	CONTRACTOR AND AMOUNT	STUDY PERIOD	DISPOSITION OF STUDY REPORT
PHYSICAL EDUCATION PROGRAM FOR ADOLESCENT GIRLS	Assessed the involvement of adolescent girls in physical activity to determine what changes occur in participation and attitude toward physical education.	Edmonton Roman Catholic Separate School District No. 7 (Dr. Janice Butcher) $5,610.00	July 12/78 to Nov 30/79	The summary report will be distributed to all Alberta school superintendents, Regional Offices of Education, ASTA, ATA, and Western Canada faculty of education libraries, ERIC and Multimedia.
SENSORY MULTIHANDICAPPED	Planned a comprehensive program for the education and development of children who are sensory multihandicapped, and determined the program, organization, facilities and financing necessary to implement the program.	This was an internal study with seconded and contracted personnel approximately $50,000.00	Mar 2/78 to Oct 12/79	The report has been forwarded to the Minister.